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### ABSTRACT

The invention comprises systems, methods and computer-readable media for providing multiple-resource management of a cluster environment. The method embodiment of the invention is illustrative and comprises, at a cluster scheduler, defining a resource management interface, identifying a location of a plurality of services within the cluster environment, determining a set of services available from each of the plurality of resource managers, selecting a group of services available from the plurality of resource managers, contacting the group of services to obtain full information associated with the computer environment and integrating the obtained full information into a single cohesive world-view of compute resources and workload requests.